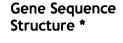
GCTGCGGTAGCATTGCCGCTGCTGCTGTTGTTGGCGTCACTGGTCACCCCAACCCCAGC GCGTGACCCCTTCGCTCCGCAGCTCGGGGACACTCAGAGGTGCCAGCAGCGGTGTCGCC AGCACCACCCTGGCTCGCCTCCTGCGCAGCCTGAGCCAGAGGGTCCCTCAGAGTCCCCG AATAACAAGGCTATCCTGATCAGTGCTTGTGAGCGTGGCTGTCGGCTTTTCTCCATCTG CCGCTTTGTGGCCAAGAGCTCTAGGCCCAATGCCACAGAGACAGAATGTGAAGCAGCCT GCACAGAAGCTTACGTGAAGGCAGCGGAGCAACGGGCCTGCAGTGAGGGGTGCTGGG (SEQ ID NO:1)

Construct

<u>Underlined</u> = deleted in targeting construct **Bold** = sequence flanking Neo insert in targeting construct



227 bp **Sequence Deleted** 260 bp

Size of EST: 352 bp



Targeting Vector* (genomic sequence)

Construct Number: 23

Arm Length:

5': 6.8 kb 3': 1.8 kb

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LII

LI

Fib

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Targeting Vector **Endogenous Locus**

* Not drawn to scale

Cassette 3' arm 5' arm 3' probe 5' probe

Neo

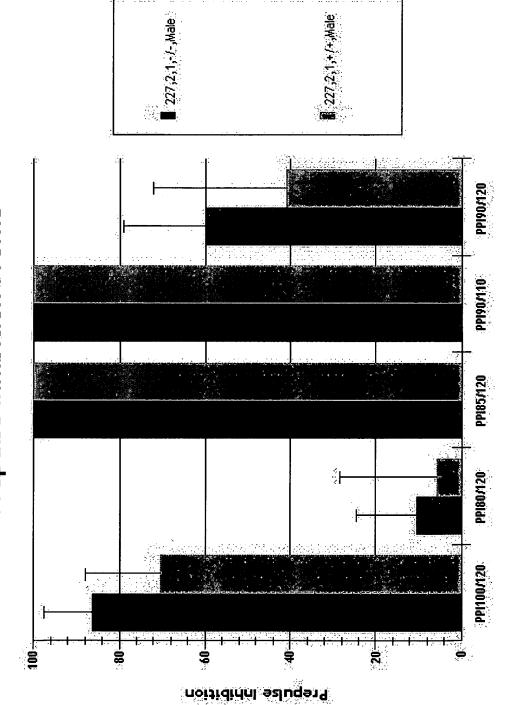
5'>ACCCCTCCCCCATGATGATC CTGGCTTTCTGAAACCTGACTTCA GTCTCGTGGATTCTTAGGGGGACC CCAGCCTTCTTCCCCGAGTACCTT TGCCTGAGTCTCTTATCTCCCTTC CCAGCCTGAGCCAGAGGGTCCCTC AGAGTCCCCGAATAACAAGGCTAT CCTGATCAGTGCTTGTGAGCGTGG CTGTCGGCTTT<3'

(SEQ ID NO:2)

5'>GCCCAATGCCACAGAGACAGA ATGTGAAGCAGGTGAGTCCTCCAG GGCTGGGTGCACTTTGGGGGTGCC TGCAGCAGAGGTATCCTGGGAAGC AGCTCCCAGTGACTCCATCCTGTG GCCCACAGCCTGCACAGAAGCTTA CGTGAAGGCAGCGGANCAACGGGC CTGCAGTGAGGGGTGCTGGGGCCA GATCCCTGAAC<3' (SEQ ID NO:3)

FIGURE 2B

Prepulse Inhibition Profile



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FIGURE 3